

DISCUSSION GROUP T08

RECIPROCATING COMPRESSORS



Bruce McCain graduated from Texas Tech University in 1987 with a BS in Mechanical Engineering. He provides technical support around the world on both rotating and stationary equipment. Bruce consults on many aspects of reciprocating compressor problems including foundation strengthening and grouting, bolting and torquing, installation, maintenance, vendor surveillance, pulsation and vibration, and forensics. He has contributed to various trade publications and industry conferences. He is a Registered Professional Engineer (Texas) and a Certified API 510 Pressure Vessel Inspector and has worked for Amoco, Rohm and Haas, Altura, and Oxy Oil and Gas. His current position at Oxy is Rotating Equipment Engineering Lead.



Kenneth Atkins is a Senior Project Engineer with Engineering Dynamics, Incorporated and has experience in performing lateral and torsional critical speed analyses, rotor stability analyses, and the evaluation of structural vibration problems using finite element methods. He has been actively involved in field troubleshooting of a wide variety of rotordynamics, structural, and piping vibration problems. Mr. Atkins earned his B.S. degree in Engineering Science from Trinity University in 1978. He is a member of ASME and is a Registered Professional Engineer in the State of Texas.



Robert Eisenmann is Machinery Advisor at BP – Refining and Logistics Technology in Houston, Texas. He provides technical advice to the BP global refining to support business delivery, company strategy, industry direction, and technical assurance to support business decisions. He also promotes technology solutions and leads the development and implementation of best practices across the BP refineries. He also serves as an Engineering Technical Practices rotating equipment core team member. Bob has over 20 years of experience in the industry. Bob graduated from Texas A&M University at Galveston in 1992 with a B.S. in Marine Engineering. He joined the TAC September, 2012.

Bruce Bayless works for Valero Energy Corporation in San Antonio, Texas. He has been a member of the Turbomachinery Advisory Committee since 2004.